

ABSTRACT

A compact and light flying head type magneto-optical head apparatus is provided. The magneto-optical head apparatus (1) of the present invention comprises a suspension (12) whose one end is fixed to a lower surface of an arm (11), a slider (13) fixed to a free end of the suspension (12), and a magnetic modulation coil (14) and an object lens (15) mounted on the slider (13). The slider (13) mounted with the magnetic modulation coil (14) and the object lens (15) floats due to a wind pressure caused by rotation of an MO disk (3). The magneto-optical head apparatus (1) is further provided with a collimator lens (21) between a light source (71) and the object lens (15) in a hybrid optical apparatus (7) provided to the arm (11), and a position of the collimator lens (21) can be adjusted vertically along an optical axis O-O by a collimator actuator (23), so that optical conditions between the light source (71) and the object lens (15) are improved.